

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 3 AND MD 424/CONWAY ROAD IN ANNE ARUNDEL COUNTY. MD 3 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION. THIS WORK WILL INVOLVE THE INSTALLATION OF AN AUTOSCOPE IMAGE SENSOR TO REPLACE THE EXISTING DETECTION ON CONWAY RD. THE AUTOSCOPE SHALL BE INSTALLED AND WIRED TO THE CONTROLLER. ACTUAL HOOK UP WILL BE PERFORMED BY THE MSHA AT A LATER DATE.

CONTROLLER OPERATION

THE EXISTING EIGHT-PHASE FULLY ACTUATED NEMA CONTROLLER WILL BE USED. THE CONTROLLER OPERATES IN A SIX PHASE, FULL-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE LEFT TURN PHASES FOR NORTHBOUND AND SOUTHBOUND MD 3. THE MD 424 AND CONWAY ROAD APPROACHES OPERATE AT SPLIT PHASES.

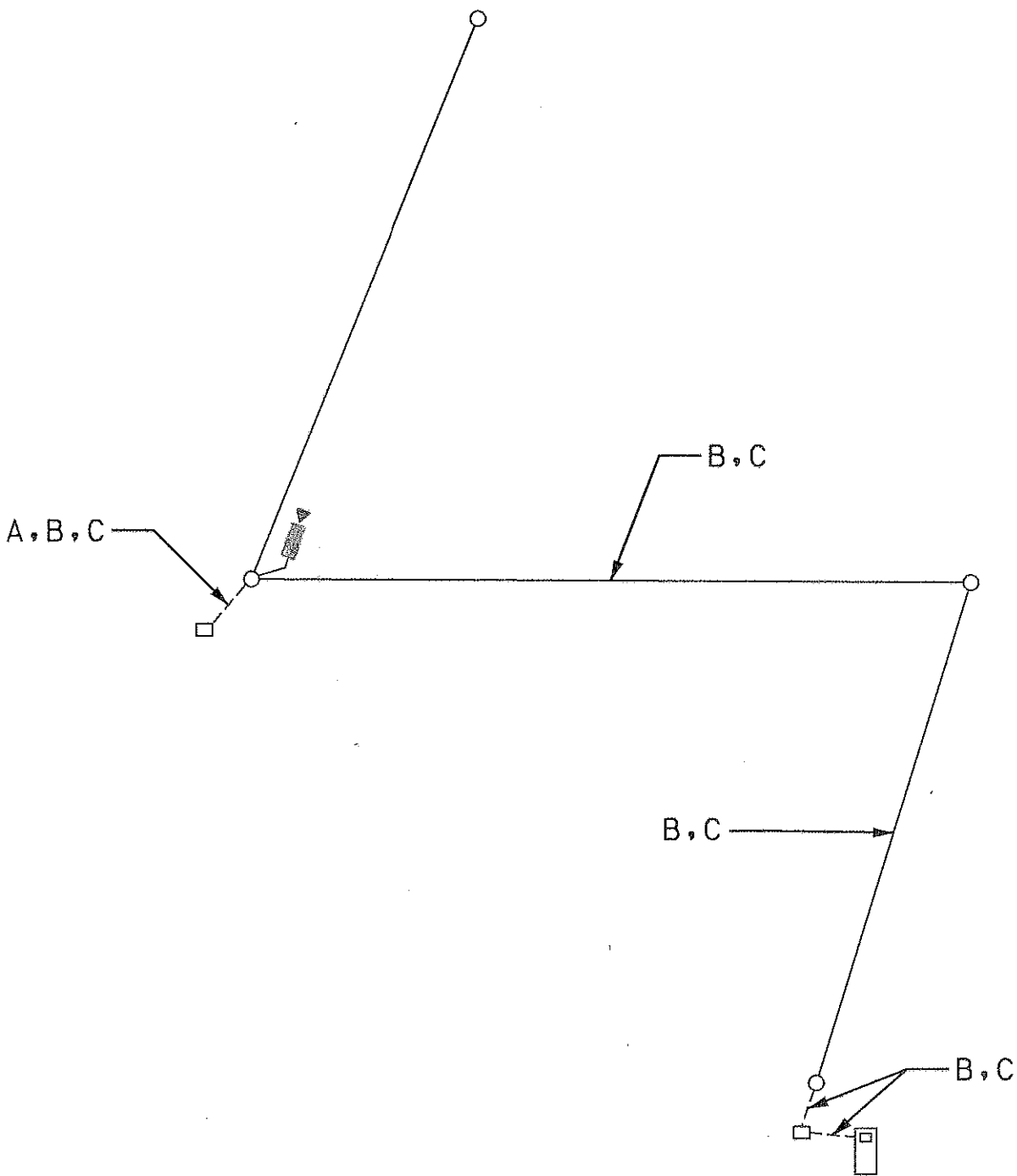
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

QUANTITY	DESCRIPTION
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1 EA	MAINTENANCE OF TRAFFIC
1 EA	FURNISH AND INSTALL AUTOSCOPE ZOOM LENS IMAGE SENSOR (AISFZC)
60 LF	FURNISH AND INSTALL 7-CONDUCTOR CABLE (BELDEN 9259)
400 LF	FURNISH AND INSTALL COAX CABLE (BELDEN 8281)
400 LF	FURNISH AND INSTALL 3-CONDUCTOR CABLE (NO. 14 A.W.G.)
1 EA	FURNISH AND INSTALL POLE MOUNTED JUNCTION BOX (AISJBOX)
1 EA	FURNISH AND INSTALL MOUNTING BRACKET (L TYPE)

FOR INFORMATION ON EQUIPMENT OR INSTALLATION CONTACT MR. FRED O'NEIL AT (410) 768-4601

WIRING DIAGRAM



WIRING KEY	
A	7-CONDUCTOR ELECTRICAL CABLE (BELDEN 9259)
B	COAX CABLE (BELDEN 8281)
C	3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS

MR. PAUL ARMSTRONG  
DISTRICT ENGINEER  
410-841-1001

MR. LARRY ELLIOTT  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
410-841-1003

MR. JOHN MAYS  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
410-841-1005

MR. CHARLES GEORGE  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
410-841-1002

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY


MR. RICHARD DAFF SR.  
CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. ED RODENHIZER  
TEAM LEADER SIGNAL OPERATIONS  
410-787-7650

MR. EUGENE BAILEY  
TEAM LEADER SIGN OPERATIONS  
410-787-7676

MR. DAVE SCHWARTZ  
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)  
410-787-7668

REVISIONS		APPROVALS		<div> MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic &amp; Safety TRAFFIC ENGINEERING DESIGN DIVISION GENERAL INFORMATION SHEET MD 3 AND MD 424/CONWAY ROAD</div>	
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION			
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION			
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION			
		DIRECTOR, TRAFFIC & SAFETY		DRAWN BY: T.M.Z CHECKED BY: K.W.S SCALE: NONE DATE: 4-14-00	
				F.A.P. NO. S.H.A. NO. COUNTY: ANNE ARUNDEL LOG MILE: 02000302.21	
				TS NO. 160 C T.I.M.S. NO. 2 OF 2	